

BOARD MEETING DATE: May 3, 2013

AGENDA NO. 2

PROPOSAL: Execute Contract for Implementation of U.S. EPA's Targeted Air Shed Grant Program

SYNOPSIS: The SCAQMD's Clean Communities Plan identified Boyle Heights and San Bernardino as two areas to implement pilot programs to develop Community Exposure Reduction Plans. On March 4, 2011, the Board recognized funding from U.S. EPA's Targeted Air Shed Grant Program for eight incentive programs to assist in the implementation of the Clean Communities Plan. This action is to execute a contract with IQAir North America to complete an air filtration project for Lytle Creek Elementary School in San Bernardino.

COMMITTEE: Stationary Source Committee, April 19, 2013; Recommended for Approval

RECOMMENDED ACTION:

Authorize the Chairman to execute a contract with IQAir North America in an amount not to exceed \$28,000 to complete an air filtration project at Lytle Creek Elementary School Program in San Bernardino from the Advanced Technology Outreach and Education Fund (17).

Barry R. Wallerstein, D.Env.
Executive Officer

MMM:EC:PMF:SN:PSK

Background

On March 4, 2011 the Board recognized revenue from the U.S. EPA Targeted Air Shed Grant Program for \$2,913,123 to implement eight localized incentive programs for reduction of toxic air contaminants and criteria air pollutants and to reduce exposure to these contaminants in the two pilot communities of Boyle Heights and San Bernardino under SCAQMD's 2010 Clean Communities Plan (CCP). These programs are: Vehicle Maintenance, Auto Refinishing, Commercial Building Green Cleaners, Boiler Efficiency Upgrade/Replacement, Fireplace Gas Log Buy-Down, Architectural Coating

Rebates, Residential Cordless Lawn Mower Exchange, and Commercial Leaf Blower Exchange.

Staff is proposing to use funds from the U.S. EPA Targeted Air Shed Grant to help complete an air filtration project initiated under the Unocal Reformulated Gas Settlement at Lytle Creek Elementary School in San Bernardino. This air filtration project will decrease PM exposure to school children in the San Bernardino CCP pilot community.

Proposal

Air Filtration Technologies in Schools

In April 2010, SCAQMD partnered with two non-profit community organizations, Mothers of East Los Angeles and Center for Community Action and Environmental Justice, based in Boyle Heights and San Bernardino respectively, to submit two proposals to the Unocal Reformulated Gasoline Fund (RFG) to install air filtration technologies in schools and conduct education outreach programs on the benefits of air filtration technologies. Both of these proposals received funding of \$950,000 and \$1,000,000 respectively for installation of air filtration technologies in 11 schools and one community center.

Use of the Unocal RFG money was successful in funding air filtration systems for schools in Boyle Heights and San Bernardino. There was a school in San Bernardino, where the air filtration project has begun, but cannot be completed with the remaining Unocal RFG money. For Lytle Creek Elementary School in San Bernardino, \$72,000 from the Unocal RFG fund has been used with an additional \$28,000 needed to complete the air filtration project. The SCAQMD staff is recommending execution of a contract with IQAir North America in an amount not to exceed \$28,000 to complete the air filtration project at Lytle Creek Elementary School in San Bernardino from the Targeted Air Shed Grant, Advanced Technology Outreach and Education Fund (17). Staff has consulted with the U.S. EPA and obtained its concurrence.

Project	Total Cost of Air Filtration	Unocal RFG Funding	Targeted Air Shed Grant
Lytle Creek Elementary School	\$100,000	\$72,000	\$28,000
Total			\$28,000^a

^a Dollar figures rounded.

IQAir North America's current work includes the installation of air filtration technologies in 46 schools near the Port of Los Angeles (TraPac air filtration program), three schools near the Ports of Los Angeles and Long Beach (SCAQMD air filtration pilot study), seven schools near the Ports of Los Angeles and Long Beach (SCAQMD Valero air filtration program), seven schools in Boyle Heights (MELA air filtration program), and four schools and a community center in San Bernardino (CCAIEJ air

filtration program). For all of SCAQMD's air filtration programs, IQAir North America has been the contractor selected to perform this work. IQAir North America was selected as the contractor for the TraPac air filtration program through an RFP process and a national testing opportunity of air filtration technologies based on standards of ultrafine PM removal met in the SCAQMD air filtration pilot study.

Benefits to SCAQMD

Air Filtration in Schools

The Air Filtration in Schools Program supports the implementation of SCAQMD's CCP, development of a Community Exposure Reduction Plan to identify strategies to reduce exposures of criteria and toxic pollutants, and reduces children's exposure to PM. Lytle Creek Elementary School is within the study area of San Bernardino, and is near the 215 freeway and the BNSF San Bernardino rail yard. Completion of this project will ensure money from the Unocal RFG can be fully utilized.

Sole Source Justification

Air Filtration Technologies in Schools

REGULATIONS: 40 CFR Part 31.36 Procurement for States, Local Governments & Indian tribes identifies four major provisions under which a sole source award may be justified using federal funding. This request for sole source award to IQAir North America qualifies under the following provision: a. – The item is only available from a single source. These technologies are not commercially available, "off-the-shelf" solutions, but instead require a total systems approach for successful implementation. As the developer of the technology, IQAir is the only vendor qualified and able to oversee the successful installation of these systems.

Resource Impacts

The proposed action will not have an impact on SCAQMD's financial resources. Funding will be provided under the U.S. EPA Targeted Air Shed Grant Program recognized by the Board on March 4, 2011.